8797, A NOVEL HUMAN GALACTOSYLTRANSFERASE AND USES THEREOF

Abstract of the Disclosure

5   The invention provides isolated nucleic acids molecules, designated HGT-1 nucleic acid molecules, which encode novel galactosyltransferase family molecules. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing HGT-1 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which an HGT-1 gene has been introduced

10   or disrupted. The invention still further provides isolated HGT-1 polypeptides, fusion polypeptides, antigenic peptides and anti-HGT-1 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.

15